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State of Utah

DEPARTMENT OF NATURAL RESOURCES

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Executive Director

Division of Oil, Gas and Mining

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Division Director

Minerals Inspection Report

Report Date: May 6 2015

Reviewed

PRB

Mine Name: Big Dry Valley Quarry	Permit Number: S/025/0015	Mine Status: Active
Operator Name: Alpine Gems	Inspection Date: 4/27/2015	Permit Fees: Paid
Inspector(s): Lynn Kunzler	Inspection Time: 12:30 pm	Bond Amount: \$22,500
Attendee(s): Ben Lamoreaux	Weather: clear	Bond Escalation: 01/01/2014
Inspection Purpose: Operator request		Prior Inspection: 6/18/2013

Conclusions and Recommendations

The map submitted with the revised NOI is considered adequate and the pending transfer may be approved. It has been proposed that the Butler Valley Quarry be closed and that the surety for that site be transferred to this permit - which would then give us sufficient surety pending completion of planned reclamation, to approve the revised NOI. This will need to be coordinated with the BLM Kanab field office as well as the Grand Staircase Escalante Monuement.

Elements of Inspection	Evaluated & Commented	Enforcement
1. <i>Permits, Revisions, Transfer, Bonds</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
This site is being transferred from Alpine Gems and Minerals (Paul Lamoreaux) to Alpine Gems (Ben Lamoreaux). The final pending issue to approve the transfer is receipt of a reclamation contract. With the transfer and previous enforcement actions, the operator was requested to provide an updated NOI and operations map. This inspection was also to review and ground-truth the map prior to issuing approval of the transfer and new NOI. Mr. Lamoreaux had done an excellent job in mapping all previous disturbances, including areas that he felt had been reclaimed. After examining the areas mapped, it was determined that the map was correct and adequate to complete the permitting.		
2. <i>Public Safety (shafts, adits, trash, signs, highwalls)</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Due to theft and vandalism problems, the BLM has allowed Mr. Lamoreaux to gate the accesss to his quarries.		
3. <i>Protection of Drainages/Erosion Control</i>	<input type="checkbox"/>	<input type="checkbox"/>
4. <i>Deleterious Material</i>	<input type="checkbox"/>	<input type="checkbox"/>
5. <i>Roads (maintenance, surfacing, dust control, safety)</i>	<input type="checkbox"/>	<input type="checkbox"/>
6. <i>Reclamation</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Areas that had been previously reclaimed were in good condition, with vegetation cover at or exceeding the surrounding vegetation cover. Mr. Lamoreaux also discussed plans to continue reclaiming areas that are no longer needed, to consolidate the disturbances to a more practical level. when this is completed, the active disturbance area will be just under 4 acres., and is not expected to increase for several years.		
7. <i>Backfilling/Grading (trenches, pits, roads, highwalls, shafts)</i>	<input type="checkbox"/>	<input type="checkbox"/>
8. <i>Soils</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
While limited in amount, the operator has been salvaging and stockpiling soil materials for reclamation.		
9. <i>Revegetation</i>	<input type="checkbox"/>	<input type="checkbox"/>
10. <i>Other</i>	<input type="checkbox"/>	<input type="checkbox"/>

Inspector's Signature: *[Signature]*

CC: James Holland, BLM Kanab Field Office (jholland@blm.gov)
Ben Lamoreaux, Operator (blamoreaux@laeng.com)

File: /nrwgmfs1/OGM/GROUPS/MINERALS/WP/M025-Kane/S0250015-BigDryValley/inspections/insp-04272015.pdf



